



## pHHD Analogue pH sensor, convertible style 1", PEEK, 4.5 m cable

Продукт №:

PD1P1

BGN Цена:

Свържете се с нас

Доставка до 2 седмици

### The smart choice for accurate and reliable online process pH measurement

Differential pH sensor can be used as a flow-through or built-in immersion probe. Patented measurement technology using 3 electrodes ensures greater reliability and measurement accuracy.

PEEK, Convertible Body Style, 4.5m Analog Cable, General Purpose Glass pH Electrode

#### Exceptional Process pH Sensor Performance with the Differential Electrode pH Measurement Technique

This field-proven technique uses three electrodes instead of the two normally used in conventional pH sensors. Process and reference electrodes measure the pH differentially with respect to a third ground electrode. The end result is unsurpassed measurement accuracy, reduced reference junction potential, and elimination of sensor ground loops. These process pH sensors provide greater reliability, resulting in less downtime and maintenance.

#### Lower Maintenance Needs with the Double Junction Salt Bridge

The double junction salt bridge creates a barrier to contamination which minimizes the dilution of the internal standard cell solution. The result is lower maintenance needs and a longer time period between calibrations.

#### Extended Working Life with the Replaceable Salt Bridge/Protector

The unique, replaceable salt bridge holds an extraordinary volume of buffer to extend the working life of the sensor by protecting the reference electrode from harsh process conditions. The salt bridge simply threads onto the end of the sensor if replacement is needed.

#### Reliability with Built-in Encapsulated Preamp

Encapsulated construction protects the sensor's built-in preamp from moisture and humidity, ensuring reliable sensor operation. The preamp in the pHHD analog sensor produces a strong signal, enabling the sensor to be located up to 1000 m (3280 ft.) from the analyzer.

#### Innovative Technology

The former GLI, now a Hach Company brand, invented the Differential Electrode Technique for pH measurement in 1970. The pHHD sensor series takes this field-proven technology to a new level.

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## Спецификации

Temperature compensation:	Automatic with NTC 300 $\Omega$ thermistor, or manually fixed at a user-entered temperature, additional selectable temperature correction factors (ammonia, morpholine, or user-defined pH/°C linear slope) available for pure water automatic compensation 0.0 - 50 °C
Гаранция:	24 месеца
Диаметър:	34.9 mm
Диапазон на налягането:	max. 10.7 bar sensor only (pressure range of mounting hardware to be checked separately)
Дължина:	196.3 mm
Дължина на кабела:	4.5 m
Електрод, тип:	General Purpose
Измерване, диапазон:	-2,0 - 14,0 pH

Изместване на показанията:	0.03 pH per 24 hours, non-cumulative
Кабелна връзка:	Analog
Какво има в кутията:	Includes: sensor with 15 ft cable and manual
Комуникация:	MODBUS
Материал:	Ground Electrode: Titanium
Материал на тялото (измервателния уред):	PEEK
Метод на калибриране:	Two point automatic, one point automatic, two point manual, one point manual.
Монтаж, вид:	Convertible
Повторяемост:	± 0.05 pH
Поток:	max. 3 m/s
Работен температурен диапазон:	-5 - 105 °C
Резба на датчика:	1" NPT в двата края
Специални бележки:	pH-Wide Range
Тегло:	0,9534 kg
Температура, точност:	± 0.5 °C
Температурен датчик:	NTC 300 Ohm thermistor for automatic temperature compensation and analyzer temperature readout
Точност:	± 0,02 pH

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## Какво има в кутията

Includes: sensor with 15 ft cable and manual

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## Задължителни аксесоари

- Контролер SC4500, Prognosys, 5 изхода за mA, 2 цифрови сензора, 100 - 240 VAC, без захранващ кабел (Item LXV525.99A11551)
- Контролер SC4500, може да работи с Claros, 5 изхода за mA, 2 цифрови сензора, 100 - 240 VAC, без захранващ кабел (Item LXV525.99AA1551)
- Контролер SC4500, може да работи с Claros, 5 изхода за mA, 2 цифрови сензора, 100 - 240 VAC, щепсел по стандарт на ЕС (Item LXV525.99CA1551)
- Контролер SC4500, Prognosys, 5 x mA изход, 1 цифров сензор, 100 - 240 VAC, без захранващ кабел (Item LXV525.99A11501)
- Контролер SC4500, Prognosys, 5 x mA изход, 2 цифрови сензора, 24 VDC, без щепсел (Item LXV525.99Z11551)